Nicotinate Phosphoribosyltransferase (pncB) Burkholderia Pseudomallei Recombinant Protein

PRODUCT OVERVIEW

Product Name	Nicotinate phosphoribosyltransferase (pncB), Recombinant Protein
Full Product Name	Recombinant Burkholderia pseudomallei Nicotinate phosphoribosyltransferase (pncB)
Product Gene Name	pncB recombinant protein
Product Synonym Gene Name	pncB
Sequence	MIITSLLDTD LYKFTMMQVV LHHFPAASVE YRFKCRTPGV DLVPYIDEIR AEVRSLCELR FTDSELDYLR RLRFVKSDFV DFLALFHLNE KYISITPSQK GGGEIDIEIK GPWLHTILFE IPVLAIVNEV YFRNTQRRPD YREGRGRLRE KIKLLGAKPE FADCKIADYG TRRRFSKVWH EEVLRTLQDG LGPQFAGTSN VYYAMTHEIT PLGTMAHEYL QACQALGPRL RDSQTYGLEM WAKEYRGDLG IALSDVYGMD AFLRDFDMYF CKLFDGARHD SGDPFDWGER LIKHYEENRC DPRTKVLVFS DALDIPKVMQ LYARFRGRCK LAFGVGTNLT NDLGYQPLQI VIKMVRCNGQ PVAKLSDSPG KSMCDDKAYL AYLRQVFGIT QPPDDDAGK
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	45,962 Da
Sequence Positions	1-399, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q63S63
Species	Burkholderia pseudomallei (strain K96243)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pncB recombinant protein	MBS1348403 is a recombinant protein targeting pncB. Also known as Recombinant Burkholderia pseudomallei Nicotinate phosphoribosyltransferase (pncB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pncB recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for pncB. It may not necessarily be applicable to this product.

NCBI GI #	490296618
NCBI Accession #	WP_004192078.1
UniProt Primary Accession #	Q63S63

GenBank Nucleotide #	WP_004192078.1
NCBI Official Full Name	MULTISPECIES: nicotinate phosphoribosyltransferase
UniProt Protein Name	Nicotinate phosphoribosyltransferase
UniProt Gene Name	pncB
UniProt Synonym Gene Names	NAPRTase
UniProt Comments for pncB	Catalyzes the synthesis of beta-nicotinate D-ribonucleotide from nicotinate and 5-phospho-D-ribose 1-phosphate at the expense of ATP.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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